SEQUENCE LISTING

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<120> TTP-RELATED ZINC FINGER DOMAINS AND METHODS OF USE

<130> 14014.0349P1

<150> 60/148,810
<151> 1999-08-03

<160> 23

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 326
<212> PRT
<213> Homo sapiens

<400> 1

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Met Asp Leu Thr Ala Ile Tyr Glu Ser Leu Leu Ser Leu Ser Pro Asp
 1               5                  10                  15
Val Pro Val Pro Ser Asp His Gly Gly Thr Glu Ser Ser Pro Gly Trp
            20                  25                  30
Gly Ser Ser Gly Pro Trp Ser Leu Ser Pro Ser Asp Ser Ser Pro Ser
        35                  40                  45
Gly Val Thr Ser Arg Leu Pro Gly Arg Ser Thr Ser Leu Val Glu Gly
    50                  55                  60
Arg Ser Cys Gly Trp Val Pro Pro Pro Pro Gly Phe Ala Pro Leu Ala
65                  70                  75                  80
Pro Arg Leu Gly Pro Glu Leu Ser Pro Ser Pro Thr Ser Pro Thr Ala
                85                  90                  95
Thr Ser Thr Thr Pro Ser Arg Tyr Lys Thr Glu Leu Cys Arg Thr Phe
            100                 105                 110
Ser Glu Ser Gly Arg Cys Arg Tyr Gly Ala Lys Cys Gln Phe Ala His
        115                 120                 125
Gly Leu Gly Glu Leu Arg Gln Ala Asn Arg His Pro Lys Tyr Lys Thr
    130                 135                 140
Glu Leu Cys His Lys Phe Tyr Leu Gln Gly Arg Cys Pro Tyr Gly Ser
145                 150                 155                 160
Arg Cys His Phe Ile His Asn Pro Ser Glu Asp Leu Ala Ala Pro Gly
                165                 170                 175
His Pro Pro Val Leu Arg Gln Ser Ile Ser Phe Ser Gly Leu Pro Ser
            180                 185                 190
Gly Arg Arg Thr Ser Pro Pro Pro Pro Gly Leu Ala Gly Pro Ser Leu
        195                 200                 205
Ser Ser Ser Ser Phe Ser Pro Ser Ser Ser Pro Pro Pro Pro Gly Asp
    210                 215                 220
Leu Pro Leu Ser Pro Ser Ala Phe Ser Ala Ala Pro Gly Thr Pro Leu
225                 230                 235                 240
Ala Arg Arg Asp Pro Thr Pro Val Cys Cys Pro Ser Cys Arg Arg Ala
                245                 250                 255
Thr Pro Ile Ser Val Trp Gly Pro Leu Gly Gly Leu Val Arg Thr Pro
            260                 265                 270
```

```
Ser Val Gln Ser Leu Gly Ser Asp Pro Asp Glu Tyr Ala Ser Ser Gly
        275                 280                 285
Ser Ser Leu Gly Gly Ser Asp Ser Pro Val Phe Glu Ala Gly Val Phe
    290                 295                 300
Ala Pro Pro Gln Pro Val Ala Ala Pro Arg Arg Leu Pro Ile Phe Asn
305                 310                 315                 320
Arg Ile Ser Val Ser Glu
                325
```

<210> 2
<211> 338
<212> PRT
<213> Homo sapiens

<400> 2

```
Met Thr Thr Thr Leu Val Ser Ala Thr Ile Phe Asp Leu Ser Glu Val
 1               5                  10                  15
Leu Cys Lys Gly Asn Lys Met Leu Asn Tyr Ser Ala Pro Ser Ala Gly
            20                  25                  30
Gly Cys Leu Leu Asp Arg Lys Ala Val Gly Thr Pro Ala Gly Gly Gly
        35                  40                  45
Phe Pro Arg Arg His Ser Val Thr Leu Pro Ser Ser Lys Phe Arg Gln
    50                  55                  60
Asn Gln Leu Leu Ser Ser Leu Lys Gly Glu Pro Ala Pro Ala Leu Ser
65                  70                  75                  80
Ser Arg Asp Ser Arg Phe Arg Asp Arg Ser Phe Ser Glu Gly Gly Glu
                85                  90                  95
Arg Leu Leu Pro Thr Gln Lys Gln Pro Gly Gly Gly Gln Val Asn Ser
            100                 105                 110
Ser Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Asn Gly Ala
        115                 120                 125
Cys Lys Tyr Gly Asp Lys Cys Gln Phe Ala His Gly Ile His Glu Leu
    130                 135                 140
Arg Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr
145                 150                 155                 160
Phe His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile
                165                 170                 175
His Asn Ala Glu Glu Arg Arg Ala Leu Ala Gly Ala Arg Asp Leu Ser
            180                 185                 190
Ala Asp Arg Pro Arg Leu Gln His Ser Phe Ser Phe Ala Gly Phe Pro
        195                 200                 205
Ser Ala Ala Ala Thr Ala Ala Ala Thr Gly Leu Leu Asp Ser Pro Thr
    210                 215                 220
Ser Ile Thr Pro Pro Pro Ile Leu Ser Ala Asp Asp Leu Leu Gly Ser
225                 230                 235                 240
Pro Thr Leu Pro Asp Gly Thr Asn Asn Pro Phe Ala Phe Ser Ser Gln
                245                 250                 255
Glu Leu Ala Ser Leu Phe Ala Pro Ser Met Gly Leu Pro Gly Gly Gly
            260                 265                 270
Ser Pro Thr Thr Phe Leu Phe Arg Pro Met Ser Glu Ser Pro His Met
        275                 280                 285
Phe Asp Ser Pro Pro Ser Pro Gln Asp Ser Leu Ser Asp Gln Glu Gly
    290                 295                 300
Tyr Leu Ser Ser Ser Ser Ser Ser His Ser Gly Ser Asp Ser Pro Thr
305                 310                 315                 320
Leu Asp Asn Ser Arg Arg Leu Pro Ile Phe Ser Arg Leu Ser Ile Ser
                325                 330                 335
Asp Asp
```

<210> 3
<211> 492
<212> PRT
<213> Homo sapiens

<400> 3

```
Met Ser Thr Thr Leu Leu Ser Ala Phe Tyr Asp Val Asp Phe Leu Cys
 1               5                  10                  15
Lys Thr Glu Lys Ser Leu Ala Asn Leu Asn Leu Asn Asn Met Leu Asp
            20                  25                  30
Lys Lys Ala Val Gly Thr Pro Val Ala Ala Ala Pro Ser Ser Gly Phe
        35                  40                  45
Ala Pro Gly Phe Leu Arg Arg His Ser Ala Ser Asn Leu His Ala Leu
    50                  55                  60
Ala His Pro Ala Pro Ser Pro Gly Ser Cys Ser Pro Lys Phe Pro Gly
65                  70                  75                  80
Ala Ala Asn Gly Ser Ser Cys Gly Ser Ala Ala Ala Gly Gly Pro Thr
                85                  90                  95
Ser Tyr Gly Thr Leu Lys Glu Pro Ser Gly Gly Gly Gly Thr Ala Leu
            100                 105                 110
Leu Asn Lys Glu Asn Lys Phe Arg Asp Arg Ser Phe Ser Glu Asn Gly
        115                 120                 125
Asp Arg Ser Gln His Leu Leu His Leu Gln Gln Gln Gln Lys Gly Gly
    130                 135                 140
Gly Gly Ser Gln Ile Asn Ser Thr Arg Tyr Lys Thr Glu Leu Cys Arg
145                 150                 155                 160
Pro Phe Glu Glu Ser Gly Thr Cys Lys Tyr Gly Glu Lys Cys Gln Phe
                165                 170                 175
Ala His Gly Phe His Glu Leu Arg Ser Leu Thr Arg His Pro Lys Tyr
            180                 185                 190
Lys Thr Glu Leu Cys Arg Thr Phe His Thr Ile Gly Phe Cys Pro Tyr
        195                 200                 205
Gly Pro Arg Cys His Phe Ile His Asn Ala Asp Glu Arg Arg Pro Ala
    210                 215                 220
Pro Ser Gly Gly Ala Ser Gly Asp Leu Arg Ala Phe Gly Thr Arg Asp
225                 230                 235                 240
Ala Leu His Leu Gly Phe Pro Arg Glu Pro Arg Pro Lys Leu His His
                245                 250                 255
Ser Leu Ser Phe Ser Gly Phe Pro Ser Gly His His Gln Pro Pro Gly
            260                 265                 270
Gly Leu Glu Ser Pro Leu Leu Leu Asp Ser Pro Thr Ser Arg Thr Pro
        275                 280                 285
Pro Pro Pro Ser Cys Ser Ser Ala Ser Ser Cys Ser Ser Ser Ala Ser
    290                 295                 300
Ser Cys Ser Ser Ala Ser Ala Ala Ser Thr Pro Ser Gly Thr Pro Thr
305                 310                 315                 320
Cys Cys Ala Ser Ala Ala Ala Ala Leu Arg Leu Leu Tyr Gly Thr Gly
                325                 330                 335
Gly Ala Glu Asp Leu Leu Ala Pro Gly Ala Pro Cys Ala Ala Cys Ser
            340                 345                 350
Ser Ala Ser Cys Ala Asn Asn Ala Phe Ala Phe Gly Pro Glu Leu Ser
        355                 360                 365
Ser Leu Ile Thr Pro Leu Ala Ile Gln Thr His Asn Phe Ala Ala Val
    370                 375                 380
Ala Ala Ala Ala Tyr Tyr Arg Ser Gln Gln Gln Gln Gln Gln Gln Gly
385                 390                 395                 400
Leu Ala Pro Pro Ala Gln Pro Pro Ala Pro Pro Ser Ala Thr Leu Pro
                405                 410                 415
```

```
Ala Gly Ala Ala Ala Pro Pro Ser Pro Pro Phe Ser Phe Gln Leu Pro
            420                 425                 430
Arg Arg Leu Ser Asp Ser Pro Val Phe Asp Ala Pro Pro Ser Pro Pro
        435                 440                 445
Asp Ser Leu Ser Asp Arg Asp Ser Tyr Leu Ser Gly Ser Leu Ser Ser
    450                 455                 460
Gly Ser Leu Ser Gly Ser Glu Ser Pro Ser Leu Asp Pro Gly Arg Arg
465                 470                 475                 480
Leu Pro Ile Phe Ser Arg Leu Ser Ile Ser Asp Asp
                485                 490
```

<210> 4
<211> 276
<212> PRT
<213> Xenopus laevis

<400> 4

```
Met Glu Ile Ser Asn Asp Ser Leu Asp Leu Phe Ser Ser Phe Phe Pro
 1               5                  10                  15
Gln Leu Ser Pro Pro Ala Asp Pro Glu Thr Pro Leu Leu Pro Ser Phe
            20                  25                  30
Ser Ala Pro Pro Lys His Leu Ser Leu Ser Ser Leu Arg Tyr Lys Thr
        35                  40                  45
Glu Leu Cys Ser Arg Tyr Ala Glu Ser Gly Phe Cys Ala Tyr Arg Asn
    50                  55                  60
Arg Cys Gln Phe Ala His Gly Leu Ser Glu Leu Arg Pro Pro Val Gln
65                  70                  75                  80
His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Ser Phe His Val Leu Gly
                85                  90                  95
Thr Cys Asn Tyr Gly Leu Arg Cys Leu Phe Ile His Ser Pro Gln Glu
            100                 105                 110
Arg Arg Glu Pro Pro Val Leu Pro Asp Asn Leu Ser Leu Pro Pro Arg
        115                 120                 125
Arg Tyr Gly Gly Pro Tyr Arg Glu Arg Cys Arg Leu Trp Ser Ala Pro
    130                 135                 140
Gly Gly Cys Pro Tyr Gly Ala Arg Cys His Phe Gln His Pro Lys Ser
145                 150                 155                 160
Ala Arg Glu Thr Cys Arg His Phe Ala Ala Leu Gly Asp Cys Pro Tyr
                165                 170                 175
Gly Ala Cys Cys His Phe Ser His Ser Pro Pro Leu Asp Arg Trp Gly
            180                 185                 190
Ser Gly Thr Lys Asn Ser Ser Gly Ser Leu Ser Pro Ser Asp Pro Asp
        195                 200                 205
Ser Asp Pro Asp Thr Pro Val Leu Ser Glu Ser Pro Ala Asn Asn Ala
    210                 215                 220
Phe Ser Phe Ser Ser Leu Leu Leu Pro Leu Ala Leu Arg Leu Gln Ile
225                 230                 235                 240
Leu Gly Asp Asp Asp Leu Pro Thr Ala Ser Asp Pro Leu Pro Gly Asp
                245                 250                 255
Asp Thr Asp Leu Leu Pro Gly Asp Glu Glu Ile Ala Gln Gly Leu Leu
            260                 265                 270
Ser Val Leu Gly
        275
```

<210> 5
<211> 327
<212> PRT
<213> Cyprinas carpio

<400> 5
Met Phe Glu Thr Ser Thr Asp Asn Leu Phe Leu Phe Pro Thr Glu Gly
1 5 10 15
Leu Asn Glu Ala Phe Phe Pro Glu Glu Gly Leu Ala Ser Gly Ser Leu
20 25 30
Ser Leu Ala Lys Ala Leu Leu Pro Leu Val Glu Ser Pro Ser Pro Pro
35 40 45
Met Thr Pro Trp Leu Cys Ser Thr Arg Tyr Lys Thr Glu Leu Cys Ser
50 55 60
Arg Tyr Ala Glu Thr Gly Thr Cys Lys Tyr Ala Glu Arg Cys Gln Phe
65 70 75 80
Ala His Gly Leu His Asp Leu His Val Pro Ser Arg His Pro Lys Tyr
85 90 95
Lys Thr Glu Leu Cys Arg Thr Tyr His Thr Ala Gly Tyr Cys Val Tyr
100 105 110
Gly Thr Arg Cys Leu Phe Val His Asn Leu Lys Glu Gln Arg Pro Val
115 120 125
Arg Gln Arg Cys Arg Asn Val Pro Cys Arg Thr Phe Arg Ala Phe Gly
130 135 140
Val Cys Pro Phe Gly Thr Arg Cys His Phe Leu His Val Glu Gly Gly
145 150 155 160
Ser Glu Ser Asp Gly Gly Glu Glu Glu Gln Thr Cys Gln Pro Met Ser
165 170 175
Gln Ser Gln Glu Trp Lys Pro Arg Gly Ala Leu Cys Arg Thr Phe Ser
180 185 190
Ala Phe Gly Phe Cys Leu Tyr Gly Thr Arg Cys Arg Phe Gln His Gly
195 200 205
Leu Pro Asn Ser Ile Lys Gly Val Asn Ser Thr His Thr Ser Trp Pro
210 215 220
His Gln Met Thr Asn Arg Gly Ser Leu Ser Pro Val Ser Asp Ala Cys
225 230 235 240
Ser Ser Gln Ser Pro Pro Ser Ser Val Pro Ser Val Cys Val Gly Phe
245 250 255
Ala Val Tyr Pro Glu Gly Ser Gly Pro Val Thr Pro Pro Ser Val Glu
260 265 270
Ala Val Ala Asn Asn Ala Phe Thr Phe Ser Ser Gln His Leu Asn Asp
275 280 285
Leu Leu Leu Pro Leu Ala Leu Arg Leu Gln Gln Leu Glu Asn Val Thr
290 295 300
Asn Ala Gly Pro Gln Asp Ala Val Asp Lys Pro Leu Leu Leu Ser Leu
305 310 315 320
Trp Gln Asp Asp Pro Arg Ser
325

<210> 6
<211> 319
<212> PRT
<213> Danio rerio

<400> 6
Met Phe Glu Thr Ser Gln Asp Asp Leu Phe Leu Phe Pro Thr Glu Gly
1 5 10 15
Leu Asn Glu Ala Phe Phe Pro Glu Glu Gly Leu Gly Gly Gly Gly Gly
20 25 30
Gly Leu Ser Leu Ala Glu Ala Leu Leu Pro Leu Val Glu Ser Pro Ser
35 40 45
Pro Pro Met Thr Pro Trp Leu Cys Ser Thr Arg Tyr Lys Thr Glu Leu
50 55 60

```
Cys Ser Arg Tyr Ala Glu Thr Gly Thr Cys Lys Tyr Ala Glu Arg Cys
65                  70                  75                  80
Gln Phe Ala His Gly Leu His Asp Leu His Val Pro Ser Arg His Pro
                85                  90                  95
Lys Tyr Lys Thr Glu Leu Cys Arg Thr Tyr His Thr Ala Gly Tyr Cys
            100                 105                 110
Val Tyr Gly Thr Arg Cys Leu Phe Val His Asn Leu Lys Glu Gln Arg
        115                 120                 125
Pro Ile Arg Pro Arg Arg Arg Asn Val Pro Cys Arg Thr Phe Arg Ala
    130                 135                 140
Phe Gly Val Cys Pro Phe Gly Asn Arg Cys His Phe Leu His Val Glu
145                 150                 155                 160
Gly Gly Ser Glu Ser Asp Gly Ala Glu Glu Glu Gln Thr Trp Gln Pro
                165                 170                 175
Pro Ser Gln Ser Gln Glu Trp Lys Pro Arg Gly Ala Leu Cys Arg Thr
            180                 185                 190
Phe Ser Ala Phe Gly Phe Cys Leu Tyr Gly Thr Arg Cys Arg Phe Gln
        195                 200                 205
His Gly Leu Pro Asn Thr Ile Lys Gly His Asn Ala Asn His Thr Ser
    210                 215                 220
Trp Pro Gln Gln Met Thr Asn Gly Gly Ser Ile Ser Pro Ile Ser Asp
225                 230                 235                 240
Thr Cys Thr Ser Pro Ser Pro Pro Ser Ser Ser Pro Thr Ser Ala Leu
                245                 250                 255
Pro Ser Pro Val Tyr Pro Asp Ser Ser Gly Pro Ile Thr Pro Pro Ser
            260                 265                 270
Val Glu Ala Val Ala Asn Asn Ala Phe Thr Phe Ser Ser Gln His Leu
        275                 280                 285
Asn Asp Leu Leu Leu Pro Leu Ala Leu Arg Leu Gln Gln Leu Glu Lys
    290                 295                 300
Ala Ala Ser Ala Gly Pro Gln Asp Val Leu Asp Lys Pro Leu Leu
305                 310                 315
```

<210> 7
<211> 64
<212> PRT
<213> Rattus norvegicus

<400> 7

```
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Asn Gly Ala Cys
 1               5                  10                  15
Lys Tyr Gly Asp Lys Cys Gln Phe Ala His Gly Ile His Glu Leu Arg
            20                  25                  30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
        35                  40                  45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
    50                  55                  60
```

<210> 8
<211> 64
<212> PRT
<213> Homo sapiens

<400> 8

```
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Asn Gly Ala Cys
 1               5                  10                  15
Lys Tyr Gly Asp Lys Cys Gln Phe Ala His Gly Ile His Glu Leu Arg
            20                  25                  30
```

```
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
        35                  40                  45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
    50                  55                  60

<210> 9
<211> 64
<212> PRT
<213> Mus musculus

<400> 9
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Asn Gly Ala Cys
 1               5                  10                  15
Lys Tyr Gly Asp Lys Cys Gln Phe Ala His Gly Ile His Glu Leu Arg
            20                  25                  30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
        35                  40                  45
 s Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
    50                  55                  60

<210> 10
<211> 64
<212> PRT
<213> Xenopus laevis

<400> 10
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Asn Gly Ser Cys
 1               5                  10                  15
Lys Tyr Gly Asp Lys Cys Gln Phe Ala His Gly Ile His Glu Leu Arg
            20                  25                  30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
        35                  40                  45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
    50                  55                  60

<210> 11
<211> 64
<212> PRT
<213> Homo sapiens

<400> 11
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Ser Gly Thr Cys
 1               5                  10                  15
Lys Tyr Gly Glu Lys Cys Gln Phe Ala His Gly Phe His Glu Leu Arg
            20                  25                  30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
        35                  40                  45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
    50                  55                  60

<210> 12
<211> 64
<212> PRT
<213> Mus musculus

<400> 12
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Ser Gly Thr Cys
 1               5                  10                  15
```

Lys Tyr Gly Glu Lys Cys Gln Phe Ala His Gly Phe His Glu Leu Arg
20 25 30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
35 40 45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
50 55 60

<210> 13
<211> 64
<212> PRT
<213> Xenopus laevis

<400> 13
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Asn Gly Ala Cys
1 5 10 15
Lys Tyr Gly Glu Lys Cys Gln Phe Ala His Gly Phe His Glu Leu Arg
20 25 30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
35 40 45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
50 55 60

<210> 14
<211> 64
<212> PRT
<213> Xenopus laevis

<400> 14
Arg Tyr Lys Thr Glu Leu Cys Arg Pro Phe Glu Glu Ser Gly Ala Cys
1 5 10 15
Lys Tyr Gly Glu Lys Cys Gln Phe Ala His Gly Phe His Glu Leu Arg
20 25 30
Ser Leu Thr Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Phe
35 40 45
His Thr Ile Gly Phe Cys Pro Tyr Gly Pro Arg Cys His Phe Ile His
50 55 60

<210> 15
<211> 64
<212> PRT
<213> Homo sapiens

<400> 15
Arg Tyr Lys Thr Glu Leu Cys Arg Thr Phe Ser Glu Ser Gly Arg Cys
1 5 10 15
Arg Tyr Gly Ala Lys Cys Gln Phe Ala His Gly Leu Gly Glu Leu Arg
20 25 30
Gln Ala Asn Arg His Pro Lys Tyr Lys Thr Glu Leu Cys His Lys Phe
35 40 45
Tyr Leu Gln Gly Arg Cys Pro Tyr Gly Ser Arg Cys His Phe Ile His
50 55 60

<210> 16
<211> 64
<212> PRT
<213> Bos taurus

<400> 16

```
Arg Tyr Lys Thr Glu Leu Cys Arg Thr Phe Ser Glu Ser Gly Arg Cys
 1               5                  10                  15
Arg Tyr Gly Ala Lys Cys Gln Phe Ala His Gly Leu Gly Glu Leu Arg
            20                  25                  30
Gln Ala Asn Arg His Pro Lys Tyr Lys Thr Glu Leu Cys His Lys Phe
        35                  40                  45
Tyr Leu Gln Gly Arg Cys Pro Tyr Gly Ser Arg Cys His Phe Ile His
    50                  55                  60
```

<210> 17
<211> 64
<212> PRT
<213> Mus musculus

<400> 17

```
Arg Tyr Lys Thr Glu Leu Cys Arg Thr Tyr Ser Glu Ser Gly Arg Cys
 1               5                  10                  15
Arg Tyr Gly Ala Lys Cys Gln Phe Ala His Gly Leu Gly Glu Leu Arg
            20                  25                  30
Gln Ala Asn Arg His Pro Lys Tyr Lys Thr Glu Leu Cys His Lys Phe
        35                  40                  45
Tyr Leu Gln Gly Arg Cys Pro Tyr Gly Ser Arg Cys His Phe Ile His
    50                  55                  60
```

<210> 18
<211> 64
<212> PRT
<213> Rattus norvegicus

<400> 18

```
Arg Tyr Lys Thr Glu Leu Cys Arg Thr Tyr Ser Glu Ser Gly Arg Cys
 1               5                  10                  15
Arg Tyr Gly Ala Lys Cys Gln Phe Ala His Gly Pro Gly Glu Leu Arg
            20                  25                  30
Gln Ala Asn Arg His Pro Lys Tyr Lys Thr Glu Leu Cys His Lys Phe
        35                  40                  45
Tyr Leu Gln Gly Arg Cys Pro Tyr Gly Ser Arg Cys His Phe Ile His
    50                  55                  60
```

<210> 19
<211> 64
<212> PRT
<213> Xenopus laevis

<400> 19

```
Arg Tyr Lys Thr Glu Leu Cys Arg Thr Phe Ser Glu Thr Gly Thr Cys
 1               5                  10                  15
Lys Tyr Gly Ala Lys Cys Gln Phe Ala His Gly Lys Ile Glu Leu Arg
            20                  25                  30
Glu Pro Asn Arg His Pro Lys Tyr Lys Thr Glu Leu Cys His Lys Phe
        35                  40                  45
Tyr Leu Tyr Gly Glu Cys Pro Tyr Gly Ser Arg Cys Asn Phe Ile His
    50                  55                  60
```

<210> 20
<211> 64
<212> PRT
<213> Cyprinus carpio

<400> 20
Arg Tyr Lys Thr Glu Leu Cys Ser Arg Tyr Ala Glu Thr Gly Thr Cys
1 5 10 15
Lys Tyr Ala Glu Arg Cys Gln Phe Ala His Gly Leu His Asp Leu His
20 25 30
Val Pro Ser Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Tyr
35 40 45
His Thr Ala Gly Tyr Cys Val Tyr Gly Thr Arg Cys Leu Phe Val His
50 55 60

<210> 21
<211> 64
<212> PRT
<213> Danio rerio

<400> 21
Arg Tyr Lys Thr Glu Leu Cys Ser Arg Tyr Ala Glu Thr Gly Thr Cys
1 5 10 15
Lys Tyr Ala Glu Arg Cys Gln Phe Ala His Gly Leu His Asp Leu His
20 25 30
Val Pro Ser Arg His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Thr Tyr
35 40 45
His Asn Ala Gly Tyr Cys Val Tyr Val Thr Arg Cys Leu Phe Val His
50 55 60

<210> 22
<211> 64
<212> PRT
<213> Xenopus laevis

<400> 22
Arg Tyr Lys Thr Glu Leu Cys Ser Arg Tyr Ala Glu Ser Gly Phe Cys
1 5 10 15
Ala Tyr Arg Asn Arg Cys Gln Phe Ala His Gly Leu Ser Glu Leu Arg
20 25 30
Pro Pro Val Gln His Pro Lys Tyr Lys Thr Glu Leu Cys Arg Ser Phe
35 40 45
His Val Leu Gly Thr Cys Asn Tyr Gly Leu Arg Cys Leu Phe Ile His
50 55 60

<210> 23
<211> 77
<212> PRT
<213> Homo sapiens

<400> 23
Thr Ser Thr Thr Pro Ser Arg Tyr Lys Thr Glu Leu Cys Arg Thr Phe
1 5 10 15
Ser Glu Ser Gly Arg Cys Arg Tyr Gly Ala Lys Cys Gln Phe Ala His
20 25 30
Gly Leu Gly Glu Leu Arg Gln Ala Asn Arg His Pro Lys Tyr Lys Thr
35 40 45
Glu Leu Cys His Lys Phe Tyr Leu Gln Gly Arg Cys Pro Tyr Gly Ser
50 55 60
Arg Cys His Phe Ile His Asn Pro Ser Glu Asp Leu Ala
65 70 75